



LABORATORIO PER LA CERTIFICAZIONE E RICERCA
SUI SISTEMI ELASTOMERICI

con il patrocinio del C.N.R.



To

SIRMAX S.p.A.

Via dell'Artigianato, 42

35013 CITTADELLA (PD)

Date, 27th June, 2011

TR n° **336/2012**

Ref. Your Confirmation dated 22.05.2012

Received 23.05.2012

Start tests 13.06.2012

End tests 18.06.2012

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T E S T R E P O R T

Subject: SUITABILITY TO BE USED IN CONTACT WITH FOODS, ACCORDING TO FDA CFR 21 – Partd 170 to 199 – Item 177.1500, OF A SAMPLE OF POLYAMMIDE 6 GLASS FIBER REINFORCED and SUPPLIED AS SHEETS 2 mm thick

**POLYAMMIDE
GLASS FIBER REINFORCED**

**ISONYL A 6
GF30 FG NA**

**Test Methods
FDA – CFR 21
Parts 170 to 199
Item 177.1500**

Requirements

Total extracts in the simulators of foods
after contact for 8 hours at reflux temperature

• Distilled water	%	0,16	≤ 1,0
• Benzene	%	0,02	≤ 1,0
• Ethanol 95% in water (v/v)	%	0,18	≤ 2,0
• Ethylacetate	%	0,01	≤ 1,0

<u>Density</u>	Mg/m ³	Not applicable (glass fiber reinforced)	1,15 ± 0,15
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<u>Melting point</u>	°C	219	200 ÷ 230
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<u>Solubility in HCl 4,2 N at boiling temperature</u>		Soluble in 60 minutes	Soluble in 60 minutes
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REMARK: On the basis of the test results and on the basis of the recipe provided by the Customer, **we certifies** that the Polyammide Glass Fiber Reinforced marked **"ISONYL A 6 GF30 FG NA" is in compliance** with the Requirements of the FDA – CFR 21 – Parts 170 to 199 – Item 177.1500 of the contact with foods.

The sampling has been carried out by the Customer.

The contained results refer only to the tested sample.

This report cannot be partially reproduced without the laboratory approval.

E. Badomer
E. Badomer, **Operator**

F. Negroni
F. Negroni, **Director**

